

Trendsetter 3244+

Semi-Automated Platesetters
for Medium-Format Presses



These platesetters are designed for printing shops using up to 8-up presses.

FLEXIBLE OPERATION

The intelligent plate-clamping mechanism can support plate sizes from 394 x 330 mm / 15.5 x 13 in. (width x height) to 838 x 1,118 mm / 33 x 44 in.† A standard imaging resolution of 96 or 48 dpmm / 2,400 or 1,200 dpi enables screen rulings of up to 285 lpi.

PRECISION IMAGING

Using patented SQUAREspot™ thermal imaging technology and an external drum system, all Trendsetters deliver a high level of control in plate production. This also enables reliable application of stochastic FM screening, resulting in high-fidelity, artifact-free images that exhibit fine detail and low sensitivity to press mis-registration. A unique temperature compensation system measures plate temperature and adjusts the image size on plate to maintain fit and register.

NEW FUNCTIONALITY

The new Trendsetter 3244+ is designed to better integrate several features such as a new 40W thermal-imaging head, a laser-cooling system, and debris-collection components (for ablative processless media).

PERFORMANCE UPGRADES

The eight-page Trendsetter 3244+ supports a range of upgrades and options, such as digital halftone proofing, a choice of imaging speeds, as well as support of processless plates, thermal film, and double-sided thermal digital Dylux. It is also available with an Autoloader which allows hands-free imaging of up to 40 plates, and on-line punching. **Trendsetter 3244+E:** Designed for controlled environments and less consistent quality requirements. Using a 20W thermal imaging head, the 3244+ E can produce up to 12 plates/hour. Adding the Autoloader option increases throughput to 16 plates/hour. No temperature compensation is available.

Trendsetter 3244+ F (Fast): Designed to interchangeably expose film and plates for conventional and waterless printing. Delivers up to 12 plates/hour and can be equipped with either the Autoloader option or the digital halftone proofing option.

Trendsetter 3244+ V (Very Fast): Delivers 15 plates/hour and can be equipped with either the Autoloader option or the digital halftone proofing option.

Autoloader option: A single-bay cassette holds up to 40 plates of a single size. Slip-sheet removal is manual.

Spectrum option: Creates a multi-purpose machine that images plates, film and halftone proofs. (See Digital Proofing section) Not available with the autoloader (AL) option.

UNIFIED DEVICE CONTROL

Print Console device control software provides connectivity from a variety of front-end systems to the Trendsetter 3244+. A user-friendly interface with colorful 3-D animations visually displays device status, job and queue status, and configuration information.

SPECIFICATION HIGHLIGHTS

Technology

External drum

Laser

Multi-channel, 830 nm infrared laser diode
(Class 1 Laser Product)

Media thickness

0.15-0.40 mm / 0.006-0.016 in. (plates)

Media size

Around the drum circumference:

838 mm / 33 in. max; 394 mm / 15.5 in. min

Along the drum axis:

1,118 mm / 44 in. max; 330 mm / 13 in. min

Resolution

48 and 96 dpmm / 1,200 and 2,400 dpi

Imaging technology

SQUAREspot thermal imaging

Throughput (approximate)

3244+E: 12 plates/hr (including load cycle)

16 plates/hr with AL option

3244+F: 12 plates/hr (including load cycle)

16 plates/hr with AL option

3244+V: 15 plates/hr (including load cycle)

20 plates/hr with AL option

Environmental conditions

- Prepress environment
- 17-32 °C / 63-90 °F (15-30°C / 59-86°F for high-speed imaging option)

- 20-70% relative humidity, non-condensing

Dimensions (H [to top of housing] x W x D)

940 x 2743 x 1092 mm / 37 x 108 x 43 in.